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FORM PTO-1019A

(Rev. 6-99)



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101317959

To the Honorable Commissioner of Patents and Trademark Office, original document or copy thereof.

1. Submission Type

- New
- Resubmission (Non-Recordation)  
Document ID # \_\_\_\_\_
- Correction of PTO Error  
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- Corrective Document  
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2. Name of Conveying Party(ies):

RYU, JE-HUN  
HAN, JONG-HEE

Additional Name(s) of conveying party(s) attached?  Yes  No

3. Name and Address of Receiving Party(ies):

Name: HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.  
Street Address: San 138-1, Ami-ri, Bubal-eub  
City: ICHON, KYOUNGKI-DO  
State/Country: KOREA Zip: 487-880

Additional name(s) & address(es) attached?  Yes  No

4. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other: \_\_\_\_\_

Execution Date: 11151999

5. Application number(s) or patent number(s):

If this document is being filed together with a new application,

- the first execution date of the application is : \_\_\_\_\_
- the filing date of the application is: December 23, 1999

A. Patent Application No.(s)  
09/471,109

B. Patent No.(s)

6 Name and address of party to whom correspondence concerning this matter should be mailed:

**CUSTOMER NUMBER 00138**  
or  
JACOBSON, PRICE, HOLMAN & STERN, PLLC  
400 Seventh Street, N.W.  
Washington, DC 20004  
Tel. 202-638-6666  
Attorney Docket No. P64173US0

7. Number of applications and patents

8. Total fee (37 CFR 3.41) ..... \$ 40.00

- Enclosed
- Any deficiencies in enclosed fees are authorized to be charged to deposit account 08-1358

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10. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Yoon S. Ham/45,367

Name of Person Signing/Reg. No.

Signature

March 1, 2000

Date

Total number of pages excluding cover sheet:

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PATENT  
REEL: 10672 FRAME: 0731

**UNITED STATES OF AMERICA-ASSIGNMENT**

(1-6) Insert Name(s) of Inventors

- (1) RYU, JE-HUN
- (2) HAN, JONG-HEE
- (3) \_\_\_\_\_
- (4) \_\_\_\_\_
- (5) \_\_\_\_\_
- (6) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to assign, transfer and set over to

(7) Insert Name of assignee

(7) HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.

(8) Insert Address of Assignee

(8) of San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do, 467-860,  
Korea

(9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan)

(9) a Corporation of Republic of Korea

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as

(10) insert Identification of Invention, such as Title, Case Number or Foreign Application Number

(10) SEMICONDUCTOR MEMORY DEVICE USING ONE COMMON ADDRESS  
BUS LINE BETWEEN ADDRESS BUFFERS AND COLUMN PREDECODED

for which the undersigned has (have) executed an application for patent in the United States of America

(11) Insert Date of Signing of Application, or filing date and Serial No., if known

(11) Said application having been executed/filed on \_\_\_\_\_ (and assigned Serial No. \_\_\_\_\_)

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such application as the Assignee may deem necessary or expedient.
  - 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
  - 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.
  - 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
  - 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
  - 6) The undersigned hereby grant(s) the law firm of Jacobson, Price, Holman & Stern, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.
- In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>15. Nov. 99</u>	Name of Inventor <u>RYU, JE-HUN</u>	<u>Ryu, Je-Hun</u> <i>JHR</i> (SEAL)
	typed name	
Date <u>11/15/99</u>	Name of Inventor <u>HAN, JONG-HEE</u>	<u>Jonghee Han</u> (SEAL)
	typed name	
Date _____	Name of Inventor _____	(SEAL)
	typed name	
Date _____	Name of Inventor _____	(SEAL)
	typed name	
Date _____	Name of Inventor _____	(SEAL)
	typed name	
Date _____	Name of Inventor _____	(SEAL)
	typed name	

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

A additional inventor's names and signatures on a separate sheet.

Witness CHO, JAE-HONG *J. J. Cho*

Witness PARK, KEUM-JUN *Park*

LAW OFFICES OF  
**JACOBSON, PRICE, HOLMAN & STERN**  
THE JENIFER BUILDING  
400 SEVENTH STREET, N.W.  
WASHINGTON, D.C. 20004

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PATENT  
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